



IBM GoVault Backup/Restore Tape Drive delivers daily backup capability for low-end servers and workstations

Overview

The new GoVault Backup/Restore Option offers a cost-effective solution for IBM eServer® xSeries® server customers looking for an efficient low-cost backup/restore device. This single drive has 80 GB² capacity, up to 160 GB if you have a software compression utility. This new drive complements the xSeries server line.

This backup/restore drive uses a reliable HDD embedded in a removable cartridge then married to a Serial ATA interface carrier. It delivers convenience and ease-of-use features, while supporting high-speed backup and up to 160 GB of data storage when coupled with software compression utilities³.

Normally reserved for more expensive backup/restore devices, IBM offers the following features as standard on this GoVault drive:

- Up to 38 MB/s native transfer rate.
- Up to 80 GB² native capacity.
- Removable disk technology.
- Hot-plug capability.
- 5.25-inch form factor, convertible to 3.5-in form factor in certain configurations.
- 12.5 ms access speed.
- Limited one-year warranty: One year on parts and zero labor, unless installed in a rack or server when purchased. Then it carries same warranty as enclosure or server.

GoVault 80 GB Cartridge

This 80 GB cartridge has a file system and looks like a disk drive to the host.

Features include:

- Cartridge can be used like tape media.
- Cartridge can be removed from carrier.
- Cartridges are fully read/write compatible between GoVault carriers.
- Limited one-year warranty: One year on parts and zero labor

- ¹ For information on IBM's Statement of Limited Warranty, contact your local IBM representative or reseller. Copies are available upon request.
- ² When referring to drive capacity, GB stands for one thousand million bytes and TB stands for one trillion bytes. Total user-accessible capacity may vary depending on operating environments.
- ³ Based on using software data compression and assuming a 2:1 compression ratio. Data compression is dependent on many factors and is often less than stated.

Key prerequisites

A dedicated (and supported) SATA 2 channel

Product number

For details, refer to the Product number section in this announcement.

Planned availability date

April 27, 2006

At a glance

IBM GoVault Backup/Restore Tape Drive

This new backup/restore drive brings performance, capacity, and 5.25-inch form factor to low-range eServer® xSeries servers and IntelliStations.

Key features include:

- Up to 80 GB native capacity, up to 160 GB using software compression
- Up to 38 MB/s backup rate and up to 76 MB/s using software compression utilities
- Functions with leading operating systems and popular backup software
- 12.5 ms access speed
- SATA-2 interface
- Cartridge removable from system and acts like an HDD
- One-year, limited warranty¹

GoVault 80 GB Cartridge

Hot plug interconnect, used like tape media, random access, 80 GB native capacity

AP distribution

To all Asia Pacific countries for release.

| Country/Region | Announced |
|----------------|-----------|
|----------------|-----------|

| | |
|-------------|-----|
| Asean * | Yes |
| Australia | Yes |
| Hong Kong | Yes |
| PRC | Yes |
| Taiwan | Yes |
| Korea | Yes |
| Japan | Yes |
| New Zealand | Yes |

* Bangladesh, Brunei, Myanmar, Sri Lanka, India, Indonesia, Malaysia, Philippines, Singapore, Thailand, Vietnam

Description

This higher-density backup/restore unit is ideal for creating cost-effective, automated tape backup solutions to satisfy moderate capacity data storage requirements.

This drive provides convenience and ease-of-use features:

- Improved cartridge load mechanism
- SATA interface
- One-year limited warranty³
- Data storage
 - 80 GB native capacity
 - 160 GB with software compression utilities
- Backup rates up to
 - 38 MB/s native — 136.8 GB/hr
 - 76 MB/s compressed — 273.6 GB/hr

Product positioning

This GoVault product joins the current tape drive family to create a complete family of backup solutions.

These products offer the breadth of performance and capacity solutions that satisfy your xSeries server backup requirements. These drives are also positioned similar to the DAT tape drives but offer higher capacity and transfer speeds at comparable costs.

Additional information: All offers are subject to availability. IBM reserves the right to alter product offerings and specifications at any time without notice. IBM is not responsible for photographic or typographic errors.

IBM makes no representation or warranty regarding third-party products or services.

Product number

| Description | Part number |
|----------------------------------|-------------|
| IBM GoVault Backup/Restore Drive | 25R0006 |
| IBM GoVault 80 GB Cartridge | 39M5617 |

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IBM Asia Pacific Announcement Supplemental Information

April 25, 2006

Product name

- IBM GoVault Backup/Restore Tape Drive Option (25R0006)
- IBM GoVault 80 GB Cartridge (39M5617)

To order please specify part number.

Publications

| | Part number |
|---------------------------------------|-------------|
| IBM GoVault Tape Drive User Guide | 25R0033 |
| IBM GoVault Tape Drive Warranty Guide | 25R0034 |

Technical information

Performance specifications

- 12.5 ms access and fast I/O
- Native capacity 80 GB /160 GB capacity with software compression utilities
- FAT 32 or NTFS file system
- Works with OS
- Cartridge fully R/W compatible with other GoVault cartridges

Physical specifications

- Approximate height: 41.4 mm (1.66 in)
- Approximate width: 120.0 mm (4.72 in)
- Approximate depth: 167.0 mm (6.57 in)

Operating environment

- Temperature: 10° to 40°C (50° to 105°F)
- Relative humidity: 20% to 80%, non-condensing

Agency approvals

- UL 1950
- cUL
- CSA 950
- CE
- C-Tick
- CISPR 22 Class A
- VCCI Class 2
- FCC Class A
- CE-Mark
- TUV

ENERGY STAR-compliant: No

Note: The ENERGY STAR emblem does not represent EPA endorsement of any product or service.

Hardware requirements

IBM systems: The IBM GoVault Drive (25R0006) and cartridge are supported on the following IBM platforms:

| System name | Machine type | Model |
|-------------------|--------------|-------|
| IntelliStation(R) | 6127 | A11 |
| IntelliStation | 6218 | A11 |
| IntelliStation | 6223 | A11 |
| IntelliStation | 6225 | A11 |
| xSeries(R) | 8482 | A11 |
| xSeries | 8485 | A11 |
| xSeries | 8490 | A11 |
| xSeries | 8648 | A11 |

Software requirements

- Microsoft™ Windows™ 2003 EE
- Microsoft Windows 2003 EE IA
- Microsoft Windows 2003 EE x64
- Microsoft Windows 2003 SE
- Microsoft Windows 2003 SE x64
- Microsoft Windows XP

Compatibility: None

Note: Some configurations may not be compatible. Support configurations change frequently. For latest information, go to

<http://www.ibm.com/servers/eserver/serverproven/compat/us/>

Limitations: None

Planning information

Additional cable orders required: No

Approximate installation time: 30 minutes

Packaging

- Single box
 - Height: 108 mm (4.25 in)
 - Depth: 254 mm (10.0 in)
 - Width: 191 mm (7.5 in)
 - Weight: 5.0 lbs

Shipment group

- GoVault drive
- Package of mounting screws
- Multi-lingual User Manual CD
- SATA data cable
- Warranty information
- GoVault carrier
- Safety flyer

Security, auditability, and control

This product uses the security and auditability features of the host hardware, software, and application software.

This announcement is provided for your information only. For additional information, contact your IBM representative, call 800-IBM-4YOU, or visit the IBM home page at: <http://www.ibm.com>.

Product structure

AP
Plant of Mfg: ISTC
Plant of Control: RTP
Plant of Distribution: ISTC

Part numbers for replenishment purpose

| SAP order no. | Product type | Serialized | Pick pack | Ship-pable | Component part nos. | Comment |
|---------------|--------------|------------|-----------|------------|---------------------|-------------------|
| 25R0006 | 5 | No | No | Yes | SAP Mod -- | GoVault Drive |
| 39M5617 | 5 | No | No | Yes | SAP Mod -- | GoVault Cartridge |

| Unit of measure | Minimum order quantity | Distribution location |
|-----------------|------------------------|-----------------------|
| 5 | 1 | SDS |

Terms and conditions

| | |
|----------------------------|-----------|
| Field-installable | Yes |
| Customer setup | Yes |
| Warranty period(4) | 1-year(4) |
| Service type (CCE/CCR/CRU) | CRU |
| Maintenance agreement | No |
| Optional upgrade | No |
| Licensed programs | Yes |

(4) To obtain copies of the IBM Statement of Limited Warranty, contact your reseller or call IBM.

Note: Programs included with this product are licensed under the terms and conditions of the License Agreements that are shipped with the feature or option.

All other terms and conditions are the same as those applicable to the IBM machine type in which the feature is installed.

International Warranty Service (IWS): IWS is available during the warranty period to customers who travel or relocate to countries where their computer is sold and serviced by IBM or IBM resellers authorized to perform warranty service. Eligible IBM computers are identified by their four-digit machine type.

You can obtain IWS through the method of service, such as depot, carry-in or on-site, provided in the servicing country. Service methods and procedures vary by country, and some service or parts may not be available in all countries. Service centers in certain countries may not be able to service all models of a particular machine type. In addition, some countries may have fees and restrictions that apply at the time of service.

To determine the eligibility of your computer and to view a list of countries where service is available, visit

<http://www.ibm.com/pc/support>

Click on the Warranty Lookup tab.

For more information on IWS, refer to Services Announcement AA01-3100, dated September 28, 2001.

Help and service information — Features and options

During the warranty period, support for a warranty related issue can be obtained by accessing IBM's on-line services (requires internet access account, not included) or calling the IBM Support Center to answer any questions regarding your new IBM option. Response time will vary depending on the number and nature of calls received. If you need warranty service, return or exchange is available. In addition, if your IBM option is installed in an IBM computer, you may be entitled to service at your location. For general questions related to the use of your options, fee-based support is available. Your technical support representative can help you determine the best alternative.

Accessing IBM on-line services

<http://www.ibm.com/servers/eserver/serverproven/compat/us/>

Placing the call to IBM

For IBM technical support:

- Contact your place of purchase or your local sales office.

IBM Electronic Services

IBM Global Services has transformed its delivery of hardware and software support services to put you on the road to higher systems availability. IBM Electronic Services is a Web-enabled solution that provides you with an exclusive, no-additional-charge enhancement to the service and support on the IBM eServer. You should benefit from greater system availability due to faster problem resolution and preemptive monitoring. IBM Electronic Services is comprised of two separate, but complementary, elements: IBM Electronic Services news page and IBM Electronic Service Agent™.

IBM Electronic Services news page provides you with a single Internet entry point that replaces the multiple entry points traditionally used by customers to access IBM Internet services and support. The news page enables you to gain easier access to IBM resources for assistance in resolving technical problems.

The IBM Electronic Service Agent is a no-additional-charge software that resides on your IBM eServer system. It is designed to proactively monitor events and transmit system inventory information to IBM on a periodic, customer-defined timetable. The IBM Electronic Service Agent tracks system inventory, hardware error logs, and performance information. If the server is under a current IBM maintenance service agreement or within the IBM warranty period, the Service Agent automatically reports hardware problems to IBM.

Early knowledge about potential problems enables IBM to provide proactive service that maintains higher system availability and performance. In addition, information collected through the Service Agent will be made available to IBM service support representatives when they are helping answer your questions or diagnosing problems.

To learn how IBM Electronic Services can work for you, visit

<http://www.ibm.com/support/electronic>

Prices

For all local charges, contact your IBM Representative.

FRU Parts

Field Replaceable Units (FRU)

| Description ----- | FRU Part # ----- |
|-----------------------|------------------------|
| IBM GoVault Cartridge | 25R0038 |
| IBM GoVault carrier | 25R0037 |
| IBM SATA cable | 26K1186 |
| Mounting screws | 42C3933 |

Note: Not all products are available in all countries.

IBM Global Financing

IBM Global Financing offers competitive financing to credit-qualified customers to assist them in acquiring IT solutions. Offerings include financing for IT acquisition, including hardware, software, and services, both from IBM and other manufacturers or vendors. Offerings (for all customer segments: small, medium, and large enterprise), rates, terms, and availability can vary by country. Contact your local IBM Global Financing organization or visit

<http://www.ibm.com/financing>

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